

Northwest EnviroService, Inc.

P.O. Box 24443, Seattle, Washington 98124 (206) 622-1090

WASTE PRODUCT QUESTIONNAIRE

P.T.

PLEASE DO NOT SEPARATE FORMS

Generator's copy will be
mailed back after NWES review

WPQ 21569

Generator U.S. EPA ID WA D 9 1 8 0 7 3 8 5 4 6		Sample Number 890915-02	
Generator Name ALA125 Alaskan Copper Works		Billing Address	
Facility Address 628 South Hanford			
Seattle, WA 98124			
Technical Contact Wayne Larson		Title	Phone (206) 382-6569
Business Contact James Brown		Title	Phone

WASTE PRODUCT DESCRIPTION & CHARACTERISTICS

Waste Product Name Waste oil contaminated with xylene and HOC's			
Process Generating Waste Sample 1			
Physical State At 70°F. <input type="checkbox"/> Solid <input type="checkbox"/> Sludge <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Powder	Free Liquids at 70°F. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Volume 100 %	Flash Point <input type="checkbox"/> < 70°F. <input type="checkbox"/> 70°-99°F. <input type="checkbox"/> 100°-139°F. <input checked="" type="checkbox"/> 140°-200°F. <input checked="" type="checkbox"/> > 200°F. <input type="checkbox"/> No Flash	Layers <input type="checkbox"/> Multilayered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Homogenous
pH <input type="checkbox"/> ≤ 2 <input type="checkbox"/> 10.1 - 12.4 <input type="checkbox"/> > 2 - 4 <input type="checkbox"/> ≥ 12.5 <input type="checkbox"/> 4.1 - 10 <input type="checkbox"/> Exact	Solids <input type="checkbox"/> By Volume Total % Dissolved % Suspended %	Density or Specific Gravity 0.90 <input checked="" type="checkbox"/> Liquid 7.50 lbs./gal. <input type="checkbox"/> Solid lbs./ft. ³	Odor <input type="checkbox"/> None <input type="checkbox"/> Strong <input checked="" type="checkbox"/> Mild Describe oil
			Color brown

METALS		WASTE PRODUCT CHEMICAL COMPOSITION (Account For 100% of Total)	
<input checked="" type="checkbox"/> Total (PPM)	<input type="checkbox"/> EPA Extraction Procedure (mg/L)	Other (Specify):	
Arsenic (As) NT	Mercury (Hg) NT	H ₂ O %	Oil 100 %
Barium (Ba) NT	Nickel (Ni) NT	HCl %	
Cadmium (Cd) NT	Selenium (Se) NT	H ₂ SO ₄ %	Xylene 100 PPM %
Chromium (Cr) NT	Silver (Ag) NT	HNO ₃ %	
Copper (Cu) NT	Zinc (Zn) NT	NaOH %	HOC's 6300 PPM %
Lead (Pb) NT	Nondetectable	Phenols %	
REACTIVES AND OTHER WASTES (PPM)		Chlorides %	
Amines NT	PCB's NT		
Cyanides NT	HexChrome NT		
Sulfides NT	Other		

SHIPPING & HANDLING INFORMATION		HAZARDOUS PROPERTIES	
Proper Shipping Name: Hazardous waste liquid, n.o.s. (xylene, halogenated organic compounds).		U.S. EPA Hazardous Codes F003	
DOT Hazard Class: ORM-E I.D. #: NA9189		Washington State Codes WP02	
Poison <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Inhalation Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Dangerous When Wet <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		State Designation DW <input checked="" type="checkbox"/> EHW <input type="checkbox"/>	
DOT Shipping Container: Drum <input checked="" type="checkbox"/> Volume Bulk <input type="checkbox"/> Volume		Is Waste Product: <input type="checkbox"/> Ignitable <input type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> None of Above <input type="checkbox"/> Other	
Other <input type="checkbox"/> Type Volume		<input checked="" type="checkbox"/> Subject to Land Disposal Restrictions (If marked, fill out notification sheet)	
Projected: Gals/lbs per <input type="checkbox"/> mo <input type="checkbox"/> yr.		Special Handling Requirements:	
Additional Labels Required:		120-B	

GENERATOR CERTIFICATION STATEMENT

I hereby certify that as an authorized representative of the generator named above, all information submitted in this and all the attached documents is true and accurate. Analysis of the waste was conducted in accordance with the approved test methods in 40-CFR 261 on a representative sample as defined in 40CFR261.20. To the best of my knowledge, all known (40CFR261) and suspected hazardous components have been included in this documentation.

Signature: Wayne Larson Title: Date: 9/28/89

NWES INC. USE ONLY

Reviewed By M. J. Sullivan	Chemical Nature <input checked="" type="checkbox"/> O <input type="checkbox"/> I <input type="checkbox"/> O/I	Date Reviewed 9-28-89	Status <input checked="" type="checkbox"/> Approved/Permitted <input type="checkbox"/> Denied <input type="checkbox"/> Pending
SOIC T28T T38T T50T S02T			
GENERATOR			

AKC-0018732

Northwest EnviroService, Inc.

WASTE PRODUCT QUESTIONNAIRE

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WPQ 21564

P.O. Box 24443, Seattle, Washington 98124 (206) 622-1090

Generator U.S. EPA ID WAID 918 017 318 514 6		Sample Number 890915-P2	
Generator Name Alaskan Copper Works		Billing Address	
Facility Address 628 South Hanford Seattle, WA 98124			
Technical Contact Wayne Larson		Title	Phone (206) 382-6569
Business Contact James Brown		Title	Phone

WASTE PRODUCT DESCRIPTION & CHARACTERISTICS

Waste Product Name Oil with acetone, MEK, benzene, xylene, n-butyl alcohol			
Process Generating Waste Sample 386 2 Ea and drops of benzene			
Physical State At 70°F. <input type="checkbox"/> Solid <input type="checkbox"/> Sludge <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Powder	Free Liquids at 70°F. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Volume 100 %	Flash Point <input type="checkbox"/> < 70°F. <input type="checkbox"/> 70°-99°F. <input type="checkbox"/> 100°-139°F. <input checked="" type="checkbox"/> 140°-200°F. <input checked="" type="checkbox"/> > 200°F. <input checked="" type="checkbox"/> No Flash	Layers <input type="checkbox"/> Multilayered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Homogenous
pH <input type="checkbox"/> ≤ 2 <input type="checkbox"/> > 2-4 <input type="checkbox"/> 4.1-10 <input type="checkbox"/> 10.1-12.4 <input type="checkbox"/> ≥ 12.5 <input type="checkbox"/> Exact	Solids <input type="checkbox"/> By Volume Total % Dissolved % Suspended %	Density or Specific Gravity 0.90 <input checked="" type="checkbox"/> Liquid 7.5 lbs./gal. <input type="checkbox"/> Solid lbs./ft. ³	Odor <input type="checkbox"/> None <input type="checkbox"/> Strong <input checked="" type="checkbox"/> Mild Describe oil
		Color brown opaque	

METALS <input type="checkbox"/> Total (PPM) <input type="checkbox"/> EPA Extraction Procedure (mg/L)		WASTE PRODUCT CHEMICAL COMPOSITION (Account For 100% of Total)	
Arsenic (As) NT	Mercury (Hg) NT	Other (Specify):	
Barium (Ba) NT	Nickel (Ni) NT	H ₂ O %	Oil > 99+ %
Cadmium (Cd) NT	Selenium (Se) NT	HCl %	(acetone, MEK, ben-
Chromium (Cr) NT	Silver (Ag) NT	H ₂ SO ₄ %	zene, xylene,
Copper (Cu) NT	Zinc (Zn) NT	HNO ₃ %	n-butyl alcohol) 5700 PPM %
Lead (Pb) NT	Nondetectable	NaOH %	
REACTIVES AND OTHER WASTES (PPM)		Phenols %	HOC's 1800 PPM %
Amines NT	PCB's NT	Chlorides %	
Cyanides NT	HexChrome NT		
Sulfides NT	Other		

SHIPPING & HANDLING INFORMATION		HAZARDOUS PROPERTIES	
Proper Shipping Name: Hazardous waste liquid, n.o.s. (benzene, xylene).		U.S. EPA Hazardous Codes F003 F005	
DOT Hazard Class: ORM-E I.D. #: UN9189		Washington State Codes WP02	
Poison <input type="checkbox"/> Yes <input type="checkbox"/> No Inhalation Hazard <input type="checkbox"/> Yes <input type="checkbox"/> No Dangerous When Wet <input type="checkbox"/> Yes <input type="checkbox"/> No		State Designation DW <input checked="" type="checkbox"/> EHW <input type="checkbox"/>	
DOT Shipping Container: Drum <input checked="" type="checkbox"/> Volume Bulk <input type="checkbox"/> Volume		Is Waste Product: <input type="checkbox"/> Ignitable <input type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> None of Above <input type="checkbox"/> Other	
Other <input type="checkbox"/> Type		<input checked="" type="checkbox"/> Subject to Land Disposal Restrictions (If marked, fill out notification sheet)	
Projected: Gals/lbs per <input type="checkbox"/> mo <input type="checkbox"/> yr.		Special Handling Requirements: on 10/	
Additional Labels Required:		120-B	

GENERATOR CERTIFICATION STATEMENT

I hereby certify that as an authorized representative of the generator named above, all information submitted in this and all the attached documents is true and accurate. Analysis of the waste was conducted in accordance with the approved test methods in 40 CFR 261 on a representative sample as defined in 40CFR261.20. To the best of my knowledge, all known (40CFR261) and suspected hazardous components have been included in this documentation.

Signature Wayne Larson Title _____ Date 9/28/89

NWES INC. USE ONLY

Reviewed By <u>Michael D. Wolf</u>	Chemical Nature <input checked="" type="checkbox"/> O <input type="checkbox"/> I <input type="checkbox"/> O/I	Date Reviewed 9-28-89	Status <input checked="" type="checkbox"/> Approved/Permitted <input type="checkbox"/> Denied <input type="checkbox"/> Pending
SOIC T28T T38T T50T 50CT			
GENERATOR <u>James Bartlett</u>			

AKC-0018733

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

AKC-0018734

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD980738546	Manifest Document No. 06582	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Alaskan Copper Works 628 South Hanford, Seattle, WA 98124				A. State Manifest Document Number		
4. Generator's Phone (206) 382-6569				B. State Generator's ID		
5. Transporter 1 Company Name Northwest EnviroService, Inc.		6. US EPA ID Number WAD058367152		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 622-1090		
9. Designated Facility Name and Site Address Northwest EnviroService, Inc. 1500 Airport Way South Seattle, WA 98134		10. US EPA ID Number WAD058367152		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (206) 622-1090		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
				No.	Type	
a.	X	Hazardous waste liquid, n.o.s. (benzene, xylene). ORM-E, UN9189.		1	DM	35 G F003 F005 WP02
b.	X	Hazardous waste liquid, n.o.s. (xylene, halogenated organic compounds). ORM-E, NA9189.		1	DM	40 G F003 WP02
c.						
d.						
J. Additional Descriptions for Materials Listed Above a) WPQ 21564 - Oil with acetone, MEK, benzene, xylene, n-butyl alcohol - 120-B b) WPQ 21569 - Waste oil contaminated with xylene and HOC's - 120-B				K. Handling Codes for Wastes Listed Above a, b) 301, 128, 138, 144, 150, 502		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Wayne Larsen				Signature WAYNE LARSEN		Month Day Year 10/23/89
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name RAY WESTLUND				Signature Ray Westlund		Month Day Year 10/23/89
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name WAYNE LARSEN				Signature Wayne Larsen		Month Day Year 10/23/89
19. Discrepancy Indication Space Generator signed under transporter #2						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Patrick L. Weaver				Signature Patrick L. Weaver		Month Day Year 10/23/85

NORTHWEST ENVIROSERVICE, INC.

LAND DISPOSAL RESTRICTION NOTIFICATION

Instructions:

1. Fill in applicable Manifest Number.
2. Fill applicable EPA Hazardous Waste Number.
3. Highlight applicable treatment standard from table below or restricted California list item.
4. Attach supportive waste analysis data if available.
5. Sign and date form.
6. Retain a completed copy to file with manifest.

MANIFEST NUMBER: 06582RESTRICTED WASTE NOTIFICATION

This notification is provided in accordance with 40 CFR 268.7(a)(1). The above numbered manifest includes the following restricted waste (codes): F003 & F005.

The applicable standards for these restricted wastes are highlighted below:

EFFECTIVE - NOVEMBER 8, 1986:

Solvent Treatment Standards
Constituents of F001-F005
Spent Solvent Wastes

Extraction Concentrations
(mg/l)
Wastewater Other

Acetone	0.05	0.59
Benzene	No Standard	
n-Butyl Alcohol	5.00	5.00
Carbon Disulfide	1.05	4.81
Carbon Tetrachloride	0.05	0.96
Chlorobenzene	0.15	0.05
Cresols (cresylic acid)	2.82	0.75
Cyclohexanone	0.125	0.75
1,2-Dichlorobenzene	0.65	0.125
2-Ethoxyethanol	No Standard	
Ethyl Acetate	0.05	0.75
Ethylbenzene	0.05	0.053
Ethyl Ether	0.05	0.75
Isobutanol	5.00	5.00
Methanol	0.25	0.75
Methylene Chloride	0.20	0.96
Methyl Ethyl Ketone	0.05	0.75
Methyl Isobutyl Ketone	0.05	0.33
Nitrobenzene	0.66	0.125
2-Nitropropane	No Standard	
Pyridine	1.12	0.33
Tetrachloroethylene	0.079	0.05
Toluene	1.12	0.33
1,1,1-Trichloroethane	1.05	0.41
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane	0.05	0.96
Xylene	0.05	0.15

CALIFORNIA LIST - EFFECTIVE JULY 8, 1987:

Please mark applicable numbers:

- ____ (1) Liquid Hazardous Waste having a pH less than or equal to 2.
- ____ (2) Liquid Hazardous Waste containing PCB at or greater than 50 ppm.
- ____ (3) Liquid and non-liquid Hazardous Waste that contains halogenated organic compounds (HOC) in total concentration greater than or equal to 1,000 ppm.
- ____ (4) Liquid Hazardous Waste, including free liquids associated with any solid or sludge containing metals that are greater than or equal to those specified below. All represented in ppm.

____ Arsenic 500

____ Cadmium 100

____ Chromium 500

____ Lead 500

____ Mercury 20

____ Nickel 134

____ Selenium 100

____ Thallium 130

____ Free Cyanide 1,000

A. I certify all information submitted is complete and accurate to the best of my knowledge.

WAYNE LARSEN
Printed/Typed Name

Wayne Larsen
Signature

10/27/89
Date

B. If you have treated the waste in compliance with the applicable standards specified in 40 CFR 268 Subpart D, sign the following certification statement.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004 (d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Printed/Typed Name

Signature

Date

C. Restricted waste subject to variance. List the specific variance:

I certify all information submitted is complete and accurate to the best of my knowledge.

Printed/Typed Name

Signature

Date